

CENTRAL INTELLIGENCE AGENCY

## REPORT

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SUBJECT Economic; Military - Shipments to USSR

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SUPPLEMENT TO  
REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE                      Newspapers as indicated.

ZEISS PLANT TO INCREASE BOMB SIGHT OUTPUT -- Buenos Aires, Argentinisches Tageblatt, 10 Sep 50

According to reports from refugees from East Germany, the people-owned Karl Zeiss Optical Plant in Jena has completed production of its first series of bomb sights, and production, which amounts to 50 sights monthly, is to be increased.

The people-owned West-Thuringen Textile-Processing Plant in Muehlhausen has been turning out camouflage nets for tanks and guns, and it is said they have orders for 100,000 kilograms of these nets.

The Neptun Shipyard in Rostock has been working on general overhauls of Soviet destroyers.

Refugees from Halle report that a great number of freight cars, loaded with potash, fertilizers, synthetic gasoline, office machines, automobiles, shoes, acids, sugar, wooden houses, diesel fuel, railroad ties, and brown coal, have been passing through the Halle/Saale freight station. These trains go via Frankfurt/Oder to Brest-Litovsk.

GIANT TRANSFORMER FOR THE USSR -- Berlin, Die Wirtschaft 15 Sep 50

A giant transformer, completed on 6 September 1950 in the people-owned Transformer Plant (VEM) in Berlin-Oberschoeneweide, is slated for shipment to the USSR.

The 165-ton transformer, when fully mounted, is 14 meters long and 5 meters in width and height. Including the mount for transporting it, the transformer weighs 265 tons and is 36 meters long. A special 18-axle car will be used to ship the transformer.

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The transformer has a capacity of 115,000 kilovolt-amperes and can transform 220,000-volt current to 110,000 volts and also to 10,000 volts. The 115,000-kilovolt-ampere capacity is adequate for the requirements of a town with a population of 400,000. The efficiency of the transformer is over 99 percent, meaning that less than 1 percent will be lost in the transforming process. It takes 16 ventilators to cool the transformer while in operation. To carry out the cooling process, 2,000 steel pipes have been welded into the top of the transformer, and the ventilators blow cold air through these pipes at a speed of 36 meters per second. The four 220,000-volt insulators, which are 2 meters long, will remain mounted while transported, but the four 110,000-volt insulators will be shipped separately.

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